Title (en)

Processing picture signals.

Title (de)

Verarbeitung von Bildsignalen.

Title (fr)

Traitement de signaux d'image.

Publication

**EP 0454234 A2 19911030 (EN)**

Application

**EP 91200933 A 19910419**

Priority

GB 9009052 A 19900423

Abstract (en)

A luminance picture signal is applied to a segmentation device (2) and a modal filter (3) to produce a region signal. Both the picture signal and the region signal are applied to a subtractor circuit (5) to produce a texture signal which is encoded in encoder (7). The region signal is applied to an edge mapping device (9) to produce a region list signal and an edge map of the original image. The edge map is subjected in an element prediction device (10) to a template to produce a prediction from a look-up table in a memory (12) regarding the value of an element in a fixed position adjacent the template. If the prediction is correct then a prediction error signal indicates no error whilst if an error exists either the prediction error signal conveys the actual value or where it may be found in a look-up table. The prediction error signal is encoded in a second encoder (14). <IMAGE>

IPC 1-7

G06F 15/66; H04N 1/41

IPC 8 full level

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CPC (source: EP US)

**H03M 7/3053** (2013.01 - EP US); H04N 19/20 (2014.11 - EP US)

Cited by

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